

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)	Attorney Docket Number	
	First Named Inventor	James E. Chitwood
	COMPLETE IF KNOWN	
	Application Number	/
	Filing Date	
	Group Art Unit	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)
Examiner Name		

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

"HIGH POWER UMBILICALS FOR ELECTRIC FLOWLINE IMMERSION HEATING OF PRODUCED HYDROCARBONS"

the specification of which

(Title of the invention)

☒ is attached hereto
OR

☐ was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/432,045	12/08/2002	
60/448,191	02/18/2003	
60/455,657	03/18/2003	
60/504,359	09/20/2003	
60/523,894	11/20/2003	

(Page 1 of 2)

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Rig-2

Please type a plus sign (+) inside this box ☐PTO/SB/01 (12-97)
Approved for use through 9/30/00. OMB 0651-0032Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**DECLARATION — Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.66 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
10/223,025	08/15/2002	

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☐ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☒ Customer Number or Bar Code Label OR ☐ Correspondence address below

Name	William Banning Vail III		
Address	3123 - 198th Place S.E.		
Address			
City	Bothell	State	WA
		ZIP	98012
Country	U.S.A.	Telephone	425-486-8789
		Fax	425-482-2013

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like, so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle if any)		Family Name or Surname	
James E.		Chitwood	
Inventor's Signature	<i>James E. Chitwood</i>		Date
			12/4/03
Residence: City	Houston	State	TX
		Country	U.S.A.
Post Office Address	10030 Windriver Dr.		
Post Office Address			
City	Houston	State	TX
		ZIP	77070
		Country	U.S.A.

☒ Additional inventors are being named on the ☐ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)

Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>6</u>
--------------------	---

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
William Banning				Vail III			
Inventor's Signature	<i>William Banning Vail III</i>			Date	12/4/2003		
Residence: City	Bothell	State	WA	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	3123 - 198th Place S.E.						
Post Office Address							
City	Bothell	State	WA	ZIP	98012	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Damir S.				Skerl			
Inventor's Signature				Date			
Residence: City	Houston	State	TX	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	702 Last Arrow Drive						
Post Office Address							
City	Houston	State	TX	ZIP	77079	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Robert L.				Dekle			
Inventor's Signature				Date			
Residence: City	Tulsa	State	OK	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	10612 East 99th Place						
Post Office Address							
City	Tulsa	State	OK	ZIP	74133	Country	U.S.A.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.




Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)

Approved for use through 9/30/98. OMB 0561-0032
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a
valid OMB control number.

+

DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 6			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
William Banning				Vall III			
Inventor's Signature				Date			
Residence: City		Bothell		State WA		Country U.S.A.	
Post Office Address		3123 - 198th Place S.E.		Citizenship		U.S.A.	
Post Office Address							
City		Bothell		ZIP 98012		Country U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Damir S.				Skerl			
Inventor's Signature				Date		12/64/03	
Residence: City		Houston		State TX		Country U.S.A.	
Post Office Address		702 Last Arrow Drive		Citizenship		U.S.A.	
Post Office Address							
City		Houston		ZIP 77079		Country U.S.A.	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Robert L.				Dekle			
Inventor's Signature				Date			
Residence: City		Tulsa		State OK		Country U.S.A.	
Post Office Address		10612 East 99th Place		Citizenship		U.S.A.	
Post Office Address							
City		Tulsa		ZIP 74133		Country U.S.A.	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Rig-2


BEST AVAILABLE COPY

Please type a plus sign (+) inside this box → ☐

Approved for use through 9/30/99. OMB 0651-0032
 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a
 valid OMB control number.

+

DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>5</u> of <u>6</u>
--------------------	--

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
William Banning				Vail III			
Inventor's Signature						Date	
Residence: City	Bothell	State	WA	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 3123 - 198th Place S.E.							
Post Office Address							
City	Bothell	State	WA	ZIP	98012	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Damir S.				Skerl			
Inventor's Signature						Date	
Residence: City	Houston	State	TX	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 702 Last Arrow Drive							
Post Office Address							
City	Houston	State	TX	ZIP	77079	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Robert L.				Dekle			
Inventor's Signature						Date	12/4/03
Residence: City	Tulsa	State	OK	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address 10612 East 99th Place							
Post Office Address							
City	Tulsa	State	OK	ZIP	74133	Country	U.S.A.

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

+

Please type a plus sign (+) inside this box → ☐

PTO/SB/02A (3-97)

Approved for use through 8/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

+

DECLARATION**ADDITIONAL INVENTOR(S)**
Supplemental Sheet
Page 6 of 6

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
William G.				Crossland			
Inventor's Signature	<i>William G Crossland</i>					Date	Dec 4, 2003
Residence: City	Seattle	State	WA	Country	U.S.A.	Citizenship	U.S.A.
Post Office Address	3406 N.E. 81st Street						
Post Office Address							
City	Seattle	State	WA	ZIP	98115	Country	U.S.A.
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+